

LOGSHEET FOR FIELD CHANGES TO CONTROLLED DOCUMENTS

Change Number	Date	Document Number	Document Title	Section/Page Modified	Description Of Change(s)	Responsible Manager Approval	ESH&Q Approval	Radiological Engineering Approval	Quality Assurance Approval	Completion Of ADM 2.61 Checklist	Completion Of SES/USOD Checklist
5	8-7-98	RF/RMRS-97-010	Final Site Specific Health and Safety Plan for the Source Removal at Trench 1 IHSS 108	Appendix B	Added AHA for Investigative Sampling for Suspected Tritium	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>NA</i>	<i>NA</i>

1 Affixed signatures indicate that Operations Review Committee (ORC) and/or Independent Safety Reviews are NOT applicable because Scope and Fundamental Technical Specifications were NOT changed. Also, related documents affected by the change(s) were modified accordingly.

ADMIN RECORD

4410-1-A-00046

BZ-1108-A-00046

TRENCH 1 SOURCE REMOVAL PROJECT
INVESTIGATIVE SAMPLING FOR SUSPECTED TRITIUM

Activity Hazard Analysis

8-6-98

NOTE: This Activity Hazard Analysis is to be used in conjunction with "Trench 1 Source Removal Project General Project Hazards" Activity Hazard Analysis.

Activity	Hazard	Preventative Measures
Activities within the High Contamination Area	Skin absorption of tritium	Personnel entering the tent will wear Personal Protective Equipment (PPE) stipulated on the Radiological Work Permit. Although not a preventative measure, entry personnel will submit pre and post job tritium bioassay samples.
Removing lids from B-12 container and drum	Explosion or fire due to hydrogen buildup	Health and safety personnel will ensure that no explosive levels of hydrogen are present by taking real-time explosive gas readings.
	Fire due to reaction of depleted uranium or uranium hydride with air	Immediately after removal of B-12 and drum lids, continuous infrared heat gun readings shall be taken on the surface of the soil and any suspected depleted uranium or uranium hydride.
Working around open B-12 and 55-gallon drum	Personal protective equipment catching on fire due to reaction of depleted uranium or uranium hydride with air	Personnel shall perform soil sampling and swipe the underside of the lids as far from potential fire sources as possible. If a fifteen degree rise in temperature is detected on the surface of any material, the material will be immediately inerted with clean soil.
Sampling of soil from B-12 container and 55 gallon drum.	Handling of depleted uranium or uranium hydride	Sampling of soil in the B-12 will be carefully done using scoops and other tools. Direct contact will be minimized as much as possible.

Activity	Hazard	Preventative Measures
Sampling of liquids	Splashing of liquids	Personnel sampling liquids near the trench shall be careful to avoid splashing or spilling. Should liquid contact permeable personal protective equipment, the affected individual(s) shall immediately exit the temporary structure.
Placing lids on containers	Pinch points resulting in injury or PPE damage and potential contamination	Personnel will wear heavy duty leather gloves and pay particular attention to pinch points. Two workers will be utilized to place lids on large containers.

Approved:

Signature

Date

RMRS Project Manager-Wayne Sproles

Wayne Sproles , 8/6/98

RMRS H&S Supervisor-Dave Farler

Dave Farler 8/6/98

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